



VOLUME LXXI NUMBER 6

June 2024



EBARC
Meetings
Next meeting, June 14, 2024



Unitarian
Universalist
Church
Of Berkeley
Safir Room
1 Lawson Rd.,
Kensington, CA
Check your email for Zoom link.

The Executive Committee is currently meeting via Zoom on the Tuesday before the second Friday General Meeting.

Welcome EBARC Members to the sixth edition of the Blown Fuse for 2024.

Please plan to join us at the meeting on June 14, 2024, in-person or on the Zoom Link.

Program: To be determined

Thanks to members who brought refreshments to the May meeting.

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is a service provided as part of membership. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Audrey Nieman W6BBQ
Deadline for July Issue June 25, 2024.

Field Day 2024

For Field Day 2024, EBARC will operate the "Get on the Air" station while KARO-ECHO members will run 4 FD stations (Digital, CW, VHF-UHF, Phone). Field Day 2024 will be a Saturday, daytime event. Field Day will officially begin at 1800UTC (which is 11:00am PDT). The event is expected to finish in the late afternoon on Saturday. Depending on the consensus of participants there at the moment weather conditions, etc. The event will happen at a park area in Kensington, somewhat near the Kensington library. If you'd like to help, contact Todd, W8BIK, at tteach@sonic.net. Feel free to schedule the event in your calendars. It will be a good time to be outside with our radios, getting to know each other better and getting to make some contacts wherever our signals will travel to.

June 2024 Blown Fuse President's Message

Spring 2024 has been a particularly busy time for astronomical events. The 34% Total Eclipse in the Bay Area on April 8th and the Solar storms. Enhancing radio propagation on some bands and disrupting it on others. As most of you know that said solar storm over the weekend of May 10th created an Aurora Borealis over much of the northern hemisphere and into the Bay Area. The first time since Halloween storms in 2003 they were visible so far South. Were you able to see it? I tried to but didn't see it from my window in the wee hours of the night. Field Day 2024 will be happening soon. After some discussion at the May Board Meeting and the General Meeting it was decided that EBARC will again partner with KARO-ECHO for a Saturday, day, operating event. As of this moment we will be operating at the park areas near Kensington Library. If there is additional interest a second setup may be done in the Playground and north Parking Lot area at UUCB on Sunday morning. See more about FD in this issue. I hope you can attend and participate.
Todd, W8BIK

Minutes of the May Meeting

The EBARC General Meeting was held on Friday, May 10, 2024, as a hybrid meeting. The in-person meeting occurred at the Unitarian Universalist Church of Berkely (UUCB) at 1 Lawson Road, Kensington CA, 94704-1015. The on-line meeting was held via the Zoom internet conferencing application. There were 5 people present, there were 12 on the Zoom link.

The meeting was called to order by President Todd Teachout W8BIK at 7:10 PM. Present were Secretary Jan Kuhl AC5RB, members Robin Fraatz-Camp KE6MRH, Mike Camp KI7FQ and Franz Kuypers KJ6IUV. On Zoom were Don Simon NI6A, Jim Marks KN5TC, Lorraine Schnurr KN6CRT, Edna Warnecke KN6VTY, Robin Spalding N6RLS, Karen Fenton KK6ZPM, Jay Fenton KJ6WSS, Katie Carney KN6APB, Chris Harwood AA6AT, Rob Johnson KK6JNI, DJ Djovida KJ6DJ and Joe Fisher K5EJL. There were introductions around.

MINUTES- The April 2024 minutes as posted in the Blown Fuse were accepted as printed. MOTION CARRIED

TREASURER REPORT- The report was listed in the Blown Fuse.

MEMBERSHIP- There are now 53 members including some family members.

President Todd brought up the subject of Club Swag. Todd mentioned he distributed a solicitation to members about any interest in having ID badges, T-Shirt produced with EBARC logo and/or name. He received a limited response. There is a vendor in San Pablo for the Badges, a vendor for t-shirts, hats and other items needs to be determined. Prices would vary depending on the quantities needed. Attendees asked if the EBARC headphone logo could be done. Todd didn't know but would ask the vendor.

Attendees suggested the proposal be in a future Blown Fuse. Members are welcome to present ideas and input on these.

Ham Radio. EBARC GOOGLE GROUP-Todd reported that an EBARC Google Group was set up in 2018. There was some activity then and occasional use since then. EBARC membership has changed since that time. An effort was made to notify former members of possible removal from the group unless they renewed their membership.

Another effort was made to invite new members and existing active members who didn't accept earlier invitations. The EBARC Google Group allows club members to discuss matters ideally about Amateur Radio and/or Club matters. To access the group, do a Google search about "Google Groups" and Google will return a list of Google Groups that you belong to. Members of the Group will have an EBARC Google Group choice on the list. Todd is not sure what Google returns for invited members that many not have accepted their invitations. If you don't see an EBARC Google Group and you want to be a member, contact Todd W8BIK at thteach@sonic.net.

FIELD DAY- President Todd has gone through archives of the Blown Fuses to see the history of past Field Days, the set ups, the various committees, the different locations, stations, Power sources, equipment, GOTA (getting on the air), rent, expenses, refreshments, and amount of time (one day-two days). There was discussion of setting up at the Church area as well as partnering with Karo-Echo. Todd said Tess from the Church welcomes us to participate there for emergency practice, if not on field day, then at some other time. The Karo-Echo group will be doing their Field Day event at the outdoor areas near the Kensington Library for Saturday only. Field Day really is a social event; we are not worried so much about points but concentrating on setting up off the grid with battery or solar power and reaching out to the public about Ham Radio.

OUTREACH-Karen Fenton KK6ZPM has been hosting an EM COMM practice not only from Marina Bay but also going far beyond. Xia Horowitz K2XIA works with the 94803 area of El Sobrante. Field day can be an opportunity for the GMRS EM Comm people to find out about Amateur Radio Operations.

BREAK

A Youtube Video recording by Jim Heath W6LG from Rocklin CA entitled "How to RF ground your station as shown by ARRL and a discussion about Ground Loops, Bonding".

(<https://www.youtube.com/watch?vAbqJHJMDk18>)

A discussion about Grounding and Bonding followed the presentation.

Meeting adjourned 9:07 PM

Respectfully Submitted, Jan Kuhl, Secretary

Looking Back 25 years and 50 years ago in the Blown Fuse

EBARC Happenings from the June 1999 Blown Fuse (25 years ago)

The club General meeting occurred at the Albany Senior Center, at 846 Masonic Ave. The Executive Committee met at the W6CUS Station at 3200 Macdonald Ave., Richmond.

The Presidents message detailed his part in the EBARC Field Day event at Cesar Chavez Park in Berkeley.

There were several column inches devoted to the W6CUS station. The station was located in space used by the Red Cross on 3200 McDonald. Use by EBARC and the Red Cross had been allowed, informally, by the City of Richmond. Discussions had started about future steps as maintaining the status quo was no longer acceptable. Club members need to consider moving the station or formalize the space use arrangement.

Club Historian, Ron Smith KE6RS, found articles from April and May 1990 Blown Fuse issues about dealing with neighbors as Ham Radio Operators which were reprinted. The big Issue in particular was about how Ham Radio RFI may negatively impact neighbors TV reception.

EBARC Happenings from the June 1974 Blown Fuse (50 years ago)

The April meeting was held at Casa Cerrito on Portola Dr., in El Cerrito.

There was an announcement of the passing of Perc Weymouth, W6GOP, one of the co-founders of EBARC.

Final Field Day details were documented including the 1974 site being at the UC Richmond Field Station and given security concerns people attending had to formally commit before coming to the event.

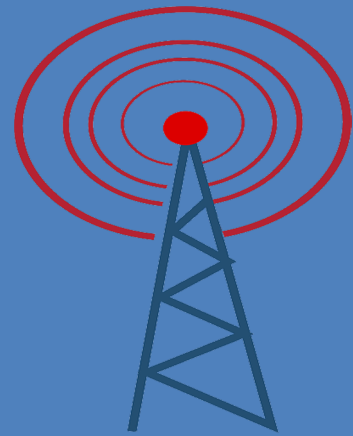
Don Evans, a UC Radiation Lab Engineer, was to give a presentation about reviewing the design plans for BART and its operation. BART opened to the public on September 11, 1972. There was a reprint of an article in the FDT Newsletter (Footprint, Feb 1974) about a study that evaluated whether human brains can directly detect UHF signals. Researchers exposed subjects to pulsed energy at 1,245 MHz. These experiments confirmed the pulses directly excited parts of the brain, bypassing the hearing "circuitry" we have.

PENDING ITEMS

CLUB Station: Still on-hold pending meetings with the UUCB Faith Leader, and Executive Director and/or other UUCB personnel.

Vacancies:

- Membership, 3rd VP
- Blown Fuse Permanent Editor
- Licensed Volunteer Examiners& Testing
- Coordinator Radio Operator License Test Prep
- Instructors Community Support (Sports events, scouting, Maker Faires)
- Program Presenters



Badges and T-shirts.

A few weeks ago, your President acted on a whim about interest in preparing ID badges and T-shirts. A few people responded. The proposal was discussed at the May General meeting. The direction given by attendees was that the proposal should go in the Blown Fuse. Members asked if the EBARC logo could be added to the badge. I have asked the vendor if that is possible and await a response. I don't have any costs, yet. My hope is to get badges for \$10 or less and T-shirts for \$15 or less. If you'd like a badge or a t-shirt let me know at thteach@sonic.net. Include your size for the t-shirt and quantity you'd like. Badges will have your name, call sign, EBARC logo if possible and Club name.



Treasurer's Report	Audrey Nieman
May 27, 2024,	W6BBQ
<u>Beginning Balance 4/27/24</u>	\$7477.86
<u>Income:</u>	
Interest	\$.02
Dues	\$ 35.00
Total Income	\$ 35.02
<u>Disbursements:</u>	
Secretary of State	\$ 20.00
<u>Total Disbursements</u>	\$ 20.00
<u>Ending Balance:</u>	\$7492.88
Portion as Petty Cash	\$ 40.00
Portion as CD	\$ 5000.00

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$35 for individual membership, \$45 for a family membership, and \$10 for students K-12. For information, send email to ebham.office@gmail.com, contact any EBARC officer, see Web page www.ebarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

2024 East Bay Amateur Radio Club Executive Committee

Todd Teachout, W8BIK, President	510-799-6051
Jan Kuhl, AC5RB, Secretary.....	510-846-3829
Howdy Goudey, KE6BEE, 1 st VP / Program Chair	510-684-9097
Audrey Nieman, W6BBQ, / Membership Chair	510-682-7938
Audrey Nieman, W6BBQ, Treasurer / Finance Chair	510-682-7938

2024 EBARC's Other Committee Heads and Contacts

<i>Blown Fuse</i> Editor: Audrey Nieman, W6BBQ	510-682-7938
W6CUS Trustee Chris Harwood	510-332-7383
Webmasters: Chris & Isaac Harwood	510-332-7383

Bay Area Amateur Radio Nets

Net	Days	Time	PL	FREQ MHZ
Over the Hill Commuter CCCC	M-F	0710	82.5-	145.110
CCCC 220 Net	Tues	1930	82.5+	224.300
WC EMCOMM Net	Thu	1845	82.5	145.110
CCCC Evening Net	Thu	1930	82.5-	145.110
KARO/ECHO EMCOMM NET	Thu	1900	simplex	146.415
NALCO ARES EMCOMM Net	Thu	1915	77-	440.900
ORCA Net	Thu	1930	77	146.880
Bay Area EMCOMM Net	SAT	0900	82.5-	145.110
CCCC WC Net	Sat	0915	82.5-	224.300
Bay Area Comm Net	Sat	0930	82.5+	444.275
Cert FL Digi Net	Sat	1000	82.5+	444.275

Upcoming Activities

Contests	
Event Name	Time/Date
RSGB 80m, Data	1900Z-2030Z, May 22
CQ WW WPX Contest, CW	0000Z, Sat to 2359Z, Sun, May 25-26
10-10 Int. Open Season PSK Contest (PSK31)	0000Z, Fri to 2359Z, Sat, May 31-Jun 2
International Digital Contest (no RTTY)-HF Band	1800 UTC, Sat to 2359 UTC Sun, Jun 1-2
June VHF Contest (6m, 20m, 70cm, 1.25m, 33cm, 23cm)	1800 UTC, Sat to 0259 UTC Mon, Jun 8-10
4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Jun 10
Kids Day	1800 UTC, Sat to 2359 UTC, June 15
NAQCC CW Sprint	0030Z-0230Z, Jun 19
Field Day	1800 UTC, Sat to 2059 UTC Sun, June 22-23
IARU HF World Championship (160, 80, 40, 20, 15, 10)	1200 UTC, Sat to 1159 UTC Sun, July 13-14

More Contest info at <https://www.contestcalendar.com/fivewkcal.html>

And at <https://www.arrl.org/contest-calendar>

DX peditions

Glorioso Islands, FT4GL is FH4VVK.

He will operate May 24-June 19, 2024

He will operate on HF Bands

DXCC Country - Glorioso Islands, FR/G.

Jarvis Island, August 5-20, 2024, N5J team is comprised of AA7JV, N1DG, HA7RY, KN4EEI.

They will operate on 160 - 6m, CW, SSB, FT8.

DXCC Country - Jarvis and Palmyra.

Saint Paul Island, August 26- Sept 5, CY9C team is comprised of WA4DAN, W0GJ, W0PR, N2IEN, N2TU, WW2DX, W4DKS, K4ZLE, K9CT, K9NW.

They will operate on 160 - 6m CW, SSB, RTTY, EME, SAT, FT8.

QSL via WA4DAN direct, OQRS, LOTW

Rotuma Island (Fiji), IOTA, Nov 15- Dec 4, 2024, 3D2Z team is comprised of W6IZT, W8HC, K4NHW and others.

More DX pedition info at <https://dxnews.com/dxpeditons/>